



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Water Rights

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

February 4, 1985

Western States Minerals Corporation  
c/o Bob Roggenthen  
4975 Van Gordon Street  
Wheat Ridge, CO 80033

Re: Tug Boat Venture  
Impoundment

Dear Mr. Roggenthen:

This office has reviewed the plans for the above-mentioned impoundments and stands ready to approve them, however, prior to approval data is needed on each of the soil types to be used in construction. That information requested should include gradations, proctors, and Atterburg Limits (if available). We would also request the type of compaction efforts, the percent of dry densities required, and the ASTM specifications in determining compaction.

Your immediate attention to these items will facilitate a rapid reply and approval.

Yours truly,

FOR Dee C. Hansen, P.E.  
State Engineer

DCH:rlm

cc: Logan Area Office  
Dorothy Boulton  
Division of Oil, Gas & Mining

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FEB 07 1985

DIVISION OF OIL  
GAS & MINING

Deputy State Engineer: Earl M. Staker    Directing Engineers: Harold D. Donaldson • Donald C. Norseth  
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